



École Archbishop MacDonald Catholic High School

Cours	Chimie 20
Année	2026-2027
Terme	Semestre 1
Enseignant(e)(s)	Sarango Loayza, Dalton dalton.sarango@ecsd.net
Ressources	Manuel : Jenkins, F. (2007). <i>Nelson Chimie: Alberta 20-30</i> . Nelson Education. Une Calculatrice
Programme d'études	LINK
Sommaire du cours	Unité A: La diversité de la matière et les liaisons chimiques: L'élève étend ses connaissances de la diversité de la matière grâce à l'analyse de composés ioniques et de substances moléculaires. Unité B: Les gaz – une forme de la matière: L'élève étend ses connaissances de la nature de la matière grâce à l'étude des propriétés et du comportement des gaz. Unité C: Les solutions, les acides et les bases: L'élève se familiarise avec la nature de la matière grâce à l'étude des transformations dans le contexte des solutions, des acides et des bases. Unité D: Les relations quantitatives dans les transformations chimiques: L'élève se concentre sur les transformations chimiques et les rapports quantitatifs exprimés par les équations chimiques équilibrées. Il s'appuie sur des manipulations mathématiques et les principes stœchiométriques pour prédire les quantités de substances consommées ou produites dans les systèmes de réactions chimiques.



IB Philosophy

MAC's courses use the IB philosophy to encourage the holistic development of all students. The Learner Profile and Approaches to Teaching and Learning are used at all levels so that students develop a better understanding of curriculum objectives. This course will focus on the Learner Profile for THINKERS because we use critical and creative thinking skills to act on complex problems. Our Approaches to Learning skill will be THINKING because we emphasize skills such as reflection and critical thinking.

Évaluation

The final mark is based on category weightings as follows:

Unité A	15%
Unité B	11%
Unité C	27%
Unité D	27%
Examen Finale	20%

The code NHI may be used to represent coursework that has not been handed in. It is representative of a zero. In addition, the following may appear for a student in PowerSchool instead of, or in addition to, a numeric grade:



Disclaimer

A wide range of assessment information is used in the development of a student's final grade. At Archbishop Macdonald Catholic High School, individualized assessments provide specific information regarding student progress and overall performance in class. Student assessment may vary from student to student to adapt for differences in student needs, learning styles, preferences, and paces. It should also be noted that not all assignments are used to determine the final grade, and that scale factors may have been used to determine the weight of individual assignments.

Expectations

Unexcused absences and/or lates are unacceptable and may have a negative effect on the grade. Missed coursework may be expected to be completed and may be scored as zero or NHI until submitted (see disclaimer).

Personal Mobile Device Standards

Mobile Devices and Social Media Use:

- Personal mobile devices are to be silenced or turned off and stored in the student's assigned locker during the day, which must be locked.
- No personal mobile devices are to be used during the day except for at lunch.
- No social media is to be accessed during the school day.

- Tablets/laptops are used for educational purposes only.
- The standards for Personal Mobile Devices includes cell phones, SMART watches, earbuds, and headphones
- Non-compliance with the standards will result in consequences of a suspension or loss of privileges such as participation in school trips, or activities, sports teams, and extracurricular activities.

Laboratory Safety Standard

Science at Archbishop MacDonald is a hands-on, skill-based discipline involving activities that may entail risk. Safety in the laboratory takes precedence over all instructional concerns. To ensure your safety and the safety of others, the following laboratory safety standard is always in effect:

1. Conduct must be professional. Counter-sitting, throwing, playing, pranking, and unsanctioned experiments are prohibited.
2. Footwear must completely cover the foot. Sandals, slides, and/or clogs are prohibited.
3. Food and/or drink are prohibited.

There is a **zero-tolerance policy** for violations of the safety standards; failure to comply with these standards will result in immediate exclusion from the lab activity. Additional safety measures that are activity dependent may also be required

Student Handbook [LINK](#)

Academic Integrity [LINK](#)